

REMARKS

Claims 1, 2, 4-8, 10-15, 17 and 18 are pending in this application. Claims 3, 9 and 16 have been canceled without prejudice or disclaimer.

Claims 1, 2, 4-6, 13-15, 17 and 18 were rejected under 35 USC 102(b) as being anticipated by Hirata et al. (US 5,430,851, hereafter "Hirata").

The Applicant respectfully submits that Hirata does not anticipate the present claims for at least the reason that Hirata does not disclose delivering instructions using centralized dispersal logic within a scheduler via an operation bus, as required by independent claims 1 and 13. Advantages of such centralized dispersal logic include reduced dispersal logic and an increased number of dispersed instructions while maintaining a fast clock rate, as noted in the present specification on page 9, lines 18-21. Hirata is silent as to the claimed centralized dispersal logic. Instead, all of the embodiments of Hirata show a distributed system of "instruction setup units" coupled to a scheduler externally to the scheduler. Further, delivery of instructions via an operation bus is not shown in Hirata.

Accordingly, claims 1 and 13 are allowable over Hirata. Claims 2 and 4-6 depend on claim 1 and claims 14, 15, 17 and 18 depend on claim 13. Therefore, these dependent claims are also allowable over Hirata for at least the reasons discussed in connection with the independent claims. Accordingly, withdrawal of the rejection of claims 1, 2, 4-6, 13-15, 17 and 18 as anticipated by Hirata is respectfully requested.

Claims 7, 8 and 9-12 were rejected under 35 USC 103(a) as being unpatentable over Hirata in view of Tannenbaum. Like claims 1 and 13, independent claim 7 recites delivering instructions using centralized dispersal logic within a scheduler via an operation bus. Tannenbaum does not remedy the deficiency in Hirata with respect to this recitation, and accordingly, claim 7 is allowable over Hirata in view of Tannenbaum. Moreover, claims 8 and 9-12, since they include the features of claim 7 by dependency thereon, are allowable over Hirata in view of Tannenbaum for at least the reasons

discussed in connection with claim . Withdrawal of the rejection of claims 7, 8 and 9-12 under 35 USC 103(a) is therefore respectfully requested.

In light of the above discussion, Applicant respectfully submits that the present application is in all aspects in allowable condition, and earnestly solicits favorable reconsideration and early issuance of a Notice of Allowance.

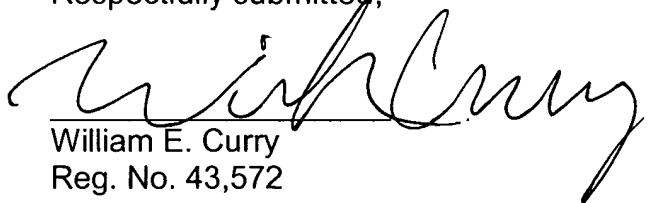
The Examiner is invited to contact the undersigned at (202) 220-4323 to discuss any matter concerning this application. The Office is authorized to charge any fees related to this communication to Deposit Account No. 11-0600.

Respectfully submitted,

Dated:

~~SEP~~ SEP. 1, 2004

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